

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1109444	(transmi\$5 or emit\$3 or provid\$3 or signal\$3 or forward\$3 or relay\$3) with (wave or audible or sound or voice or recording)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 10:22
L2	95454	(code or passcode or passphrase or password) WITH (wave or audible or sound or voice or recording)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 10:23
L3	193567	(code or passcode or passphrase or password) WITH (human or user or enduser or subscriber or entity or individual)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 10:23
L4	47797	3 WITH (entry or enter\$3 or keyboard or manual\$2 or typ\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 10:24
L5	47545	1 same 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 10:24
L6	1144	4 same 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 10:25
L7	88148	1 WITH (speaker or microphone or emitter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 10:25

## EAST Search History

L8	81	6 same 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/27 10:29
L9	15883	security adj device	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/27 10:30
L10	1078764	(voice or sound or audio or audib\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/27 10:30
L11	1141	9 same 10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/27 10:31
L12	387	3 and 11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/27 10:31
L13	17	milgram near maurice	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/27 15:18
L14	78	380/201.cor.	USPAT	OR	OFF	2006/09/27 15:19
L15	28	380/227.cor.	USPAT	OR	OFF	2006/09/27 15:19
L16	70	713/165.cor.	USPAT	OR	OFF	2006/09/27 15:19
L17	68	713/194.cor.	USPAT	OR	OFF	2006/09/27 15:19
L18	101	726/26.cor.	USPAT	OR	OFF	2006/09/27 15:19
L19	26	705/55.cor.	USPAT	OR	OFF	2006/09/27 15:19
S1	14	380/256.cor.	USPAT	OR	OFF	2006/09/27 15:19
S2	36	713/183.cor.	USPAT	OR	OFF	2005/06/15 14:00
S3	39	713/184.cor.	USPAT	OR	OFF	2006/09/27 15:19
S4	670	713/200.cor.	USPAT	OR	OFF	2005/06/15 14:00
S5	0	milgram near maurice	USPAT	OR	OFF	2006/09/27 13:22
S6	159170	(light-emit\$) or (light near emit\$)	USPAT	OR	ON	2005/06/15 15:23
S7	2348	S6 near3 screen	USPAT	OR	ON	2005/06/15 15:41
S8	140	S7 same computer	USPAT	OR	ON	2005/06/16 10:44
S9	27	S8 and PIN	USPAT	OR	ON	2005/06/15 15:25

## EAST Search History

S10	28	S8 and (PIN or password)	USPAT	OR	ON	2005/06/15 15:41
S11	21	S10 and output\$	USPAT	OR	ON	2005/06/15 15:41
S12	5917	S6 WITH screen	USPAT	OR	ON	2005/06/15 15:41
S13	453	S12 same computer	USPAT	OR	ON	2005/06/15 15:41
S14	83	S13 and (PIN or password)	USPAT	OR	ON	2005/06/15 15:41
S15	64	S14 and output\$	USPAT	OR	ON	2005/06/15 15:56
S16	1	"4599489".pn.	USPAT	OR	ON	2005/06/15 15:56
S17	1	"4609777".pn.	USPAT	OR	ON	2005/06/15 15:57
S18	1	"4819267".pn.	USPAT	OR	ON	2005/06/15 15:57
S19	1	"4910775".pn.	USPAT	OR	ON	2005/06/15 15:58
S20	1	"5073931".pn.	USPAT	OR	ON	2005/06/15 15:59
S21	1	"5136644".pn.	USPAT	OR	ON	2005/06/15 15:59
S22	1	"5297205".pn.	USPAT	OR	ON	2005/06/15 16:00
S23	1	"5347110".pn.	USPAT	OR	ON	2005/06/15 16:00
S24	1	"5432851".pn.	USPAT	OR	ON	2005/06/15 16:01
S25	1	"5594493".pn.	USPAT	OR	ON	2005/06/15 16:02
S26	1	"5767896".pn.	USPAT	OR	ON	2005/06/15 16:02
S27	1	"5880769".pn.	USPAT	OR	ON	2005/06/15 16:03
S28	1	"5907350".pn.	USPAT	OR	ON	2005/06/15 16:03
S29	1	"6281820".pn.	USPAT	OR	ON	2005/06/15 16:03
S30	1	"6044046".pn.	USPAT	OR	ON	2005/06/16 14:24
S31	1	"5652838".pn.	USPAT	OR	ON	2005/06/15 16:04
S32	1	"5432851".pn.	USPAT	OR	ON	2005/06/15 16:09
S33	22	computer WITH emit\$ WITH security	USPAT	OR	ON	2005/06/15 17:36
S34	0	S33 same (PIN or password)	USPAT	OR	ON	2005/06/15 16:10
S35	10	S33 and (PIN or password)	USPAT	OR	ON	2005/06/15 16:17
S36	3	S35 and screen	USPAT	OR	ON	2005/06/15 16:19
S37	173	security with device with screen	USPAT	OR	ON	2005/06/15 16:54
S38	46	S37 and emit\$	USPAT	OR	ON	2005/06/15 16:27
S39	86	token near3 screen	USPAT	OR	ON	2005/06/15 16:54
S40	1	"6704715".pn.	USPAT	OR	ON	2005/06/15 17:36
S41	1	S40 and input\$	USPAT	OR	ON	2005/06/15 17:38
S42	1	S40 and chang\$	USPAT	OR	ON	2005/06/15 17:55
S43	1	S40 and area	USPAT	OR	ON	2005/06/15 17:55
S44	27	card WITH reader WITH motion WITH sensor	USPAT	OR	ON	2005/06/16 10:45

## EAST Search History

S45	11	card WITH reader WITH (motion near sensor)	USPAT	OR	ON	2005/06/16 10:49
S46	68	card WITH reader WITH detect\$ WITH motion	USPAT	OR	ON	2005/06/16 11:08
S47	0	card WITH reader WITH detect\$ WITH motion WITH count	USPAT	OR	ON	2005/06/16 10:51
S48	1	two near3 light near3 snesors	USPAT	OR	ON	2005/06/16 11:08
S49	1983	two near3 light near3 sensors	USPAT	OR	ON	2005/06/16 11:10
S50	53	calculat\$ near3 difference near3 light near3 signal	USPAT	OR	ON	2005/06/16 11:10
S51	3	S49 and S50	USPAT	OR	ON	2005/06/16 11:09
S52	1	S51 and threshold	USPAT	OR	ON	2005/06/16 11:11
S53	9287	two with light with sensors	USPAT	OR	ON	2005/06/16 11:10
S54	906	calculat\$ with difference with light with signal	USPAT	OR	ON	2005/06/16 11:24
S55	120	S53 and S54	USPAT	OR	ON	2005/06/16 11:10
S56	33	S55 and threshold	USPAT	OR	ON	2005/06/16 11:13
S57	0	S56 and security	USPAT	OR	ON	2005/06/16 11:13
S58	9	S56 and secur\$	USPAT	OR	ON	2005/06/16 11:25
S59	1	"6704715".pn.	USPAT	OR	ON	2005/06/16 11:14
S60	0	S59 and light	USPAT	OR	ON	2005/06/16 11:14
S61	0	S59 and sensor	USPAT	OR	ON	2005/06/16 11:14
S62	23745	modulat\$ near light	USPAT	OR	ON	2005/06/16 11:24
S63	760	S53 and S62	USPAT	OR	ON	2005/06/16 11:24
S64	596	S63 and difference	USPAT	OR	ON	2005/06/16 11:25
S65	168	S64 and threshold	USPAT	OR	ON	2005/06/16 11:25
S66	33	S65 and secur\$	USPAT	OR	ON	2005/06/16 11:41
S67	5526	select\$ WITH area WITH screen	USPAT	OR	ON	2005/06/16 12:27
S68	4990	area with different WITH information	USPAT	OR	ON	2005/06/16 12:28
S69	235	S67 and S68	USPAT	OR	ON	2005/06/16 12:29
S70	4301	area WITH juxtapos\$	USPAT	OR	ON	2005/06/16 12:29
S71	2	S69 and S70	USPAT	OR	ON	2005/06/16 12:30
S72	146621	area WITH (juxtapos\$ or adjacent)	USPAT	OR	ON	2005/06/16 12:30
S73	54	S69 and S72	USPAT	OR	ON	2005/06/16 12:30
S74	33	audebert.in.	USPAT	OR	ON	2005/06/16 14:24
S75	56	audebert.in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/16 14:24

## EAST Search History

S76	1	"6704715".pn.	USPAT	OR	ON	2006/01/06 10:50
S77	0	S76 and light	USPAT	OR	ON	2006/01/06 10:50
S78	0	S76 and IR	USPAT	OR	ON	2006/01/06 10:50
S79	0	S76 and infrared	USPAT	OR	ON	2006/01/06 10:57
S80	0	S76 and led	USPAT	OR	ON	2006/01/06 10:57
S81	419316	emit\$	USPAT	OR	ON	2006/01/06 10:58
S82	1	S76 and emit\$	USPAT	OR	ON	2006/01/06 10:59
S83	1	S76 and dtmf	USPAT	OR	ON	2006/01/06 11:05
S84	0	S76 and laser	USPAT	OR	ON	2006/01/06 11:06
S85	0	S76 and diode	USPAT	OR	ON	2006/01/06 11:06
S86	20141	(light or infrared or IR or laser or diode) WITH (sound or biometric or voice or speech)	USPAT	OR	ON	2006/01/06 11:07
S87	52	S86 same authenticat\$	USPAT	OR	ON	2006/01/06 11:07
S88	96	security WITH device WITH (optical near disk)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/13 16:11
S89	2	"6193156".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/13 16:14
S90	30	security WITH (tag or RF) WITH (optical near disk)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/16 12:19
S91	2	"7031472".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/13 16:14
S92	2	S91 and device	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/13 16:18
S93	1	S91 and sound	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/13 16:23
S94	14	sound near emit\$ near code	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/13 16:23

## EAST Search History

S95	459	(security WITH (tag or RF)) and (optical near disk)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 10:22
S96	150	S95 and sound	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/16 12:56
S97	31	(security adj tag) WITH sound	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/16 13:03
S98	2	(security adj tag) same (sound near wave)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/16 13:15
S99	39	transmit\$ WITH (security or code) WITH (sound near wave)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/16 13:15
S10 0	1571	(security WITH (tag or RF)) and ((optical near disk) CD dvd)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 14:05
S10 1	246	(security near tag) and ((optical near disk) CD dvd)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 11:02
S10 2	2810	(security near device) and ((optical near disk) CD dvd)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 11:03
S10 3	258	(security near device) same ((optical near disk) CD dvd)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 13:24
S10 5	268	blind WITH (audible or (sound adj emit\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 13:26
S10 6	9	S105 WITH code	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 13:26
S10 7	464	(blind (visual\$ near impair\$)) WITH (audible or (sound adj emit\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 13:26

## EAST Search History

S108	9	S105 WITH code	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 13:28
S110	0	S108 and (mic microphone)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 13:29
S111	56	S107 and (mic microphone)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 14:04
S112	4227	transmit\$ WITH code WITH (audio sound)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 14:52
S113	52	S100 and S112	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/18 14:05
S114	304	listen\$ WITH code WITH (audio sound)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 10:24
S115	38404	(code password ID identifier identification number PIN verifier) near3 (audio sound audib\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 10:26
S116	9365	(receiv\$ retriev\$ transmit\$ obtain\$ listen\$ hear\$) WITH (code password ID identifier identification number PIN verifier) near3 (audio sound audib\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 10:27
S117	5096	(receiv\$ retriev\$ transmit\$ obtain\$ listen\$ hear\$) near3 (code password ID identifier identification number PIN verifier) near3 (audio sound audib\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 10:28
S118	4901	(enter\$ provid\$) near3 (code password ID identifier identification number PIN verifier) near3 keyboard	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 10:37
S119	2	S117 same S118	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 10:29

## EAST Search History

S12 0	56	S117 and S118	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 10:29
S12 1	376	382/115.cor.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 11:46
S12 2	225	S121 and (voice or sound or audio or audib\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/27 10:30
S12 3	70	382/116.cor.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 11:54
S12 4	42	S123 and (voice or sound or audio or audib\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/27 10:30
S12 5	260	704/251.cor.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:28
S12 6	214	S125 and (voice or sound or audio or audib\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 11:54
S12 7	217	704/246.cor.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:33
S12 8	209	S127 and (voice or sound or audio or audib\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:33
S12 9	0	340/5084.cor.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:33
S13 0	3	340/5.84.cor.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:33
S13 1	280	379/88.01.cor.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:33



## EAST Search History

S13 2	277	S131 and (voice or sound or audio or audib\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:33
S13 3	92	379/88.02.cor.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:33
S13 4	92	S133 and (voice or sound or audio or audib\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:33